

| How did this happen<br>"They called me a greenie at school" – Lucy Hand |  |
|---|--|
| TOOLS   |  |
| Commitment  |  |
| Norms   |  |
| Incentives  |  |
| Prompts   |  |
| Norms   |  |
| Communication   |  |
| Social Diffusion  |  |
| Convenience   |  |
|   |  |

## **Underestimating Risk**

 .....farm viability depends more on minimising losses than maximising production, and it is these accumulated losses which threaten farm business survival and growth".

Dr Tim Hutchings

CSIRO PUBLISHING

Animal Production Science, 2012, 52, 557–565 http://dx.doi.org/10.1071/AN11291

The impact of system changes to a dairy farm in south-west Victoria: risk and increasing profitability

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...Irrespective of the direction of change in herd size, the most profitable options involved reducing stocking rate per hectare and reducing purchased supplementary feed compared with the status quo...

# Three ways to improve profit

Burke Teichert

## Increase turnover:

• This can relate to volume or size of business or to the turnover of saleable assets with the current business size.

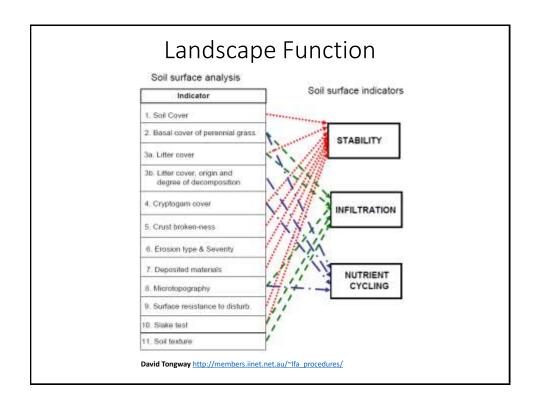
### • Decrease overheads:

• Land with attached fences, corrals, buildings, etc. and people along with the tools and equipment used to do their work.

## Improve gross margin:

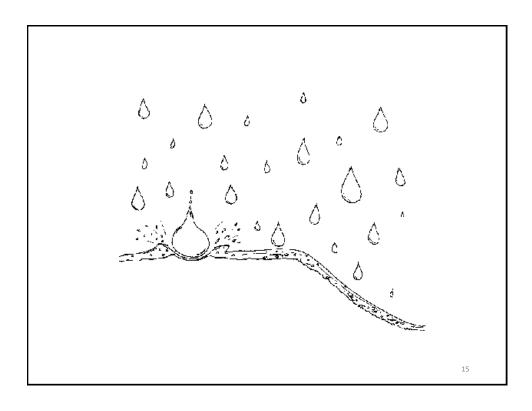
• That's total returns minus direct costs for the enterprise. The direct costs are those that vary with the number of cattle. They are typically feed, vet services and meds, sales commissions, trucking and livestock handling supplies.

Source: http://www.beefmagazine.com/management/how-ranch-simply-yet-successfully























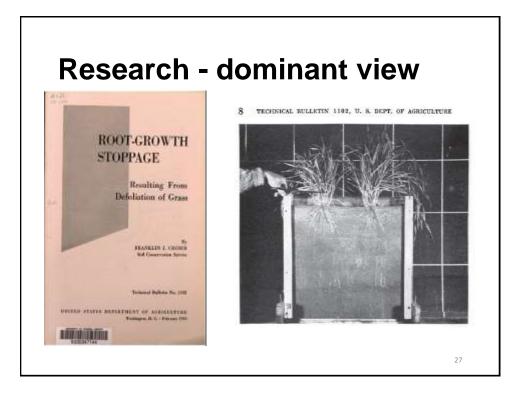


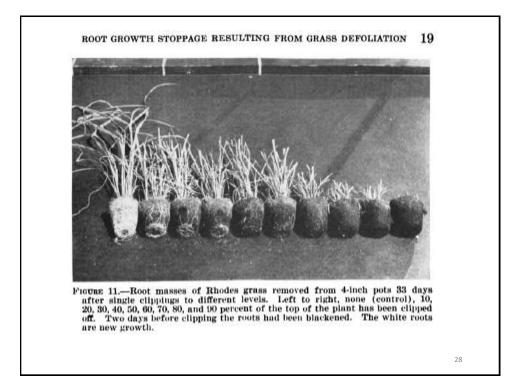


# High Landscape Function Banana





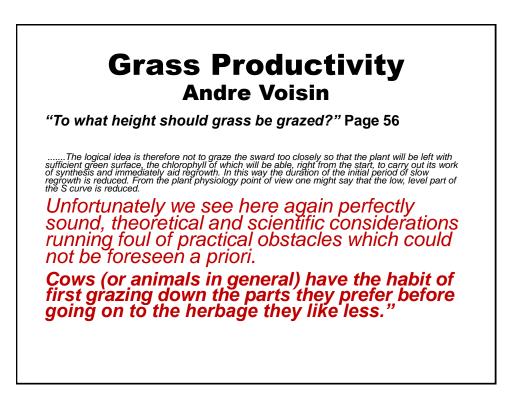


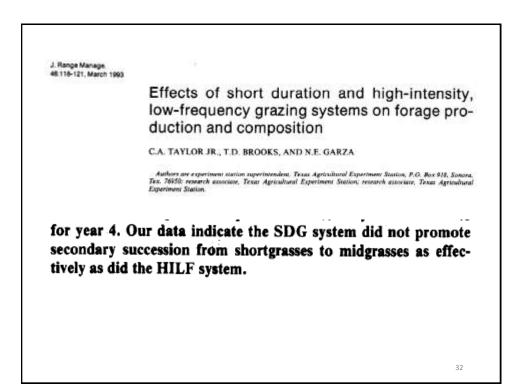


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## Agenda

- 1. Our story
- 2. Common problems caused by grazing height
- 3. Complexity
- 4. Research dominant view
- 5. Research alternative view
- 6. Coaching programme
- 7. Q&A





## Selective Grazing

One of a few severely grazed perennial grass plants among millions of plants after one horse had grazed for one hour in a paddock.

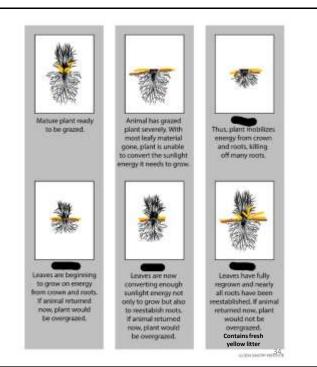
Savory, Allan. Holistic Management, Third Edition: A Commonsense Revolution to Restore Our Environment . Island Press. Kindle Edition.



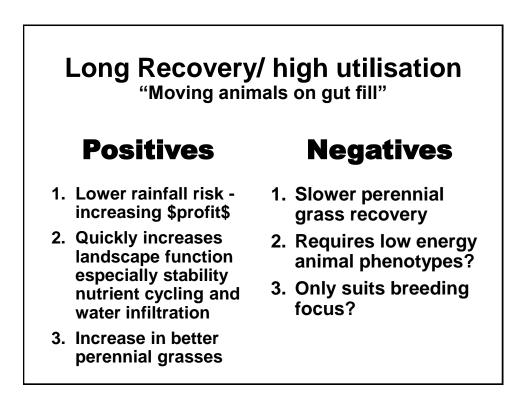
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To be safe, we assume that the grazing has been severe, because some plants are always grazed severely, and thus we focus on plant growth rate.

Savory, Allan. Holistic Management, Third Edition: A Commonsense Revolution to Restore Our Environment (p. 334). Island Press. Kindle Edition.



## Man, Cattle and Veld Johann Ziestman

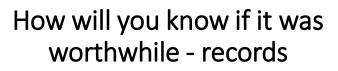


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# **Rule of thumb**

When in doubt:

- 1. Reduce stocking rate
- 2. Increase perennial grass recovery
- 3. Increase stock density



- Grazing days
- Increase in landscape function photos
- Soil health
- Harvest
- Lower the cost of next crop

